

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
9 June 2005 (09.06.2005)

PCT

(10) International Publication Number  
**WO 2005/051491 A1**

(51) International Patent Classification<sup>7</sup>: **A62D 1/00**

(21) International Application Number:  
PCT/KR2004/003038

(22) International Filing Date:  
24 November 2004 (24.11.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:  
10-2003-0085463 28 November 2003 (28.11.2003) KR  
10-2004-0081048 11 October 2004 (11.10.2004) KR

(71) Applicant and

(72) Inventor: **YOON, Wook Yeal** [KR/KR]; 213-602  
Hyundai-apt., #611, Kuui-dong, Gwangjin-gu, Seoul  
143-200 (KR).

(74) Agent: **ROH, Jae-Chull**; WAY with ROH Patent & Law  
Office, 4F., Halla Building, #641-17 Yeoksam-dong, Gang-  
nam-gu, Seoul 135-909 (KR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: COMPOSITION FOR ACTION OF RESIST-FIRE AND FIRE-EXTINGUISHING



(57) Abstract: The present invention relates to a composition for fire-resisting and fire-extinguishing with pro-environmental characteristic. More particularly, the present invention relates to the composition comprising monobasic sodium phosphate, dibasic ammonium phosphate, borax, boric acid, oxyalkylated alkyl phosphoric acid ester and water.

WO 2005/051491 A1